Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 08 Jan 2023 until 23:59 on Monday 09 Jan 2023

Forecast Issued on Sunday 08 Jan 2023 at 04:12

Confidence: High for the main unsettled and often windy theme. Precise timings of wetter periods Tuesday and Thursday lower confidence. Shower detail low confidence throughout.

Headline for Sunday 08 Jan 2023: Windy, with gales in exposure. Blustery wintry showers occasionally merging to longer periods of rain and summit sleet. Some brighter interludes possible later.

Mountain weather hazards on Sunday 08 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Cloudy	Heavy Rain	Sleet showers	Cloudy	Heavy rain showers (night)
Precipitation probability					
40%	20%	60%	40%	20%	60%

Forecast for Sunday 08 Jan 2023

Weather: A mixture of rain showers and brighter intervals at first, but showers will tend to merge into longer periods of rain around the middle of the day, with more extensive low cloud. Some showers will be heavy with hail and thunder possible and sleet over the highest tops. Feeling very cold in the wind. Becoming drier for a time late afternoon/early evening.

Chance of cloud-free hill tops above 600m: 60% early morning and late afternoon, otherwise 30%.

Low cloud and visibility: Visibility generally very good, but sharp visibility drops expected, especially at modest elevations through middle of day in more prolonged rain. Cloud becoming extensive around 600 metres from mid-morning before gradual improvement late afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 08 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/35 SW	27/36 S	26/32 S	23/29 SW	21/28 SW	22/30 SW	21/27 SW
300	18/27 S	16/22 S	18/24 S	17/24 SW	14/21 SW	17/26 SW	17/24 SW
Valley	10/25 S	9/22 S	12/26 S	11/23 SW	8/20 SW	10/24 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	2/-5	2/-5	2/-4	1/-5	1/-6	1/-5
300	4/-1	4/-1	4/-0	4/-1	3/-1	3/-2	3/-2
Valley	5/1	5/1	5/1	5/1	4/1	3/-0	4/0
Freezing Level*	1000m	900m	900m	800m	700m	800m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the falling freezing level and risk of gales, with wind chill a significant hazard.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 08 Jan 2023	14.6mm	16.8mm	30.2mm

Forecast for Monday 09 Jan 2023

Weather: Further blustery showers, these mainly of rain but perhaps turning to sleet for a time over the highest hills, and with risk of hail and thunder in the heaviest. These may merge to give longer wetter periods, as on Sunday, but perhaps ease during the evening, ahead of a drier, colder night.

Maximum wind: Increasing westerly 45mph for a time.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Prevailing visibility generally very good, but with similar sharp drops likely, as Sunday. Cloud mainly near highest summits.

Temperature: **Valleys:** Zero becoming plus 6 Celsius.
At 600m: Plus 1 Celsius.
Freezing level: 600-700m.

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